

Converting Colors

$Yxy(67.7528, 0.3167, 0.3275)$

Have a look what the booklet for
Yxy(67.7528, 0.3167, 0.3275)
contains.

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Color

Yxy(67.7104, 0.3165, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DCD5D7
RGB	220, 213, 215
RGB Percent	86%, 84%, 84%
CMY	0.1372, 0.1647, 0.1568
CMYK	0.00, 0.03, 0.02, 0.14
HSL	343°, 9%, 85%
HSV	343°, 3%, 86%
XYZ	65.5763, 67.7104, 73.9054
YIQ	215.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

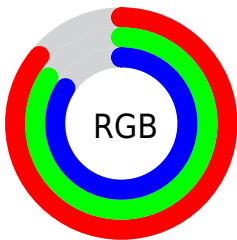
Format	Color
R _Y B	220, 213, 215
Decimal	14472663
CIE Lab	85.86, 2.76, -0.14
CIE LCh	86, 2.760, 357.028
Yxy	67.7104, 0.3165, 0.3268
Android (android.graphics.Color)	4292662743 (0xFFDCD5D7)
YUV	215.3210, -0.1583, 4.1035
Hunter-Lab	82.2863, -1.7493, 4.3491

Details

The Yxy color $67.7104, 0.3165, 0.3268$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.3978, 0.3091, 0.3312$, and the grayscale version is $68.1853, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.9911, 0.3177, 0.3261$ is the 20% darker color. If you saturate the color by 10%, you get $56.6166, 0.3302, 0.3196$, and if you desaturate by 10%, it is $80.3890, 0.3054, 0.3335$.

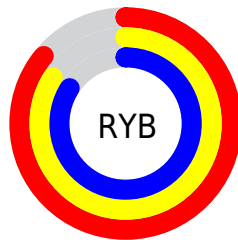
Distribution



Red (86%)

Green (84%)

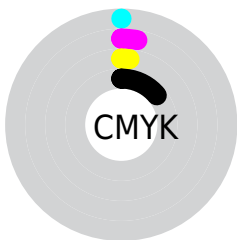
Blue (84%)



Red (86%)

Yellow (84%)

Blue (84%)

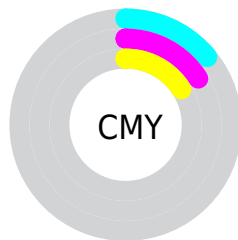


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7104, 0.3165, 0.3268 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 67.7104, 0.3165, 0.3268 by changing the saturation by 10% instead.

■ 67.7104, 0.3165,
0.3268

■ 67.7104, 0.3165,
0.3268

452.4693, 0.3147,
0.3278

■ 49.6622, 0.3169,
0.3266

115.9378, 0.3159,
0.3272

■ 35.1450, 0.3174,
0.3263

146.8857, 0.3156,
0.3273

■ 23.7746, 0.3181,
0.3259

182.9023, 0.3154,
0.3274

■ 15.1665, 0.3189,
0.3254

224.3719, 0.3153,
0.3275

■ 8.9363, 0.3201,
0.3247

271.6791, 0.3151,
0.3276

■ 4.6997, 0.3219,
0.3236

325.2081, 0.3150,

■ 2.0722, 0.3248,

0.3277

0.3219

385.3433, 0.3148,
0.3278

0.6489, 0.3338,
0.3166

0.0000, 0.0000,
0.0000

67.7104, 0.3165,
0.3268

67.7104, 0.3165,
0.3268

56.6166, 0.3302,
0.3196

80.3890, 0.3054,
0.3335

47.0365, 0.3469,
0.3119

93.4166, 0.2963,
0.3377

38.9068, 0.3674,
0.3041

93.9564, 0.2917,
0.3289

32.1562, 0.3923,
0.2966

■ 26.7074, 0.4217,
0.2899

■ 22.4753, 0.4554,
0.2852

■ 19.3647, 0.4922,
0.2834

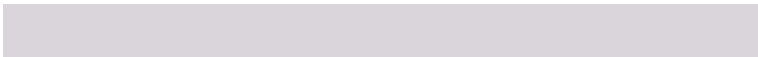
■ 17.2660, 0.5295,
0.2857

■ 16.0470, 0.5637,
0.2927

Harmonies

Analogous

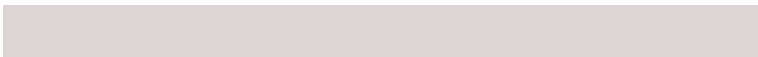
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7104, 0.3132, 0.3244



67.7104, 0.3165, 0.3268



67.7104, 0.3188, 0.3298

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7104, 0.3165, 0.3268



67.7104, 0.3156, 0.3349



67.7104, 0.3061, 0.3254

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.7104, 0.3165, 0.3268



70.3978, 0.3091, 0.3312

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7104, 0.3067, 0.3282



67.7104, 0.3165, 0.3268



67.7104, 0.3122, 0.3337

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7104, 0.3165, 0.3268



67.7104, 0.3182, 0.3345



67.7104, 0.3090, 0.3313



67.7104, 0.3073, 0.3236

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7104, 0.3165, 0.3268



67.7104, 0.3194, 0.3317



67.7104, 0.3090, 0.3313



67.7104, 0.3061, 0.3263

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.7133, 0.3165, 0.3268



98.2670, 0.3139, 0.3283



67.6487, 0.3115, 0.3213



21.0515, 0.3138, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7133, 0.3165, 0.3268



93.2035, 0.3176, 0.3262



68.3186, 0.3178, 0.3306



14.2621, 0.3184, 0.3257



9.1564, 0.5801, 0.2969



0.6079, 0.5331, 0.2711

Inverse Universe

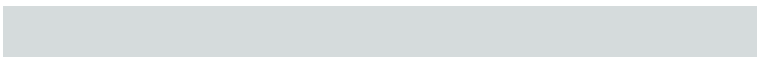
The Inverse Universe completely reimagines the original color for something new.



67.7133, 0.3165, 0.3268



93.2035, 0.3176, 0.3262



69.7713, 0.3078, 0.3274



14.2621, 0.3184, 0.3257



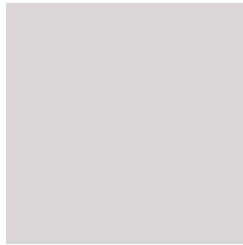
9.1564, 0.5801, 0.2969



0.6079, 0.5331, 0.2711

Previews

White Background



This preview shows how the Yxy color 67.7104, 0.3165, 0.3268 looks on a white background.

Color Contrast Check

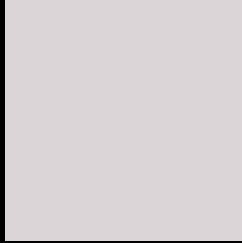
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 67.7104, 0.3165, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

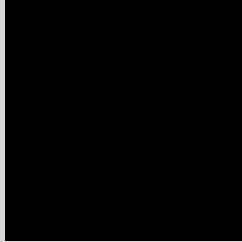
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

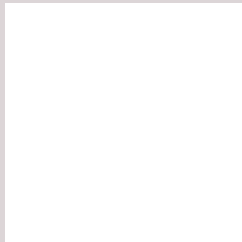
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7104, 0.3165, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 67.7104, 0.3165, 0.3268.

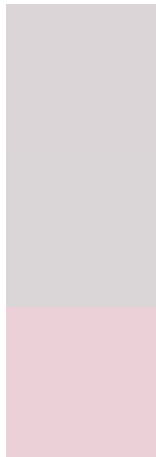


This preview shows how white text looks on a background with the Yxy color 67.7104, 0.3165, 0.3268.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.7104, 0.3165, 0.3268

Protanopia

67.9049, 0.3150, 0.3279

Deuteranopia

67.7318, 0.3275, 0.3205



Tritanopia

67.7196, 0.3092, 0.3106

Trichromacy



Original Color

67.7104, 0.3165, 0.3268

Protanomaly

68.0595, 0.3157, 0.3279

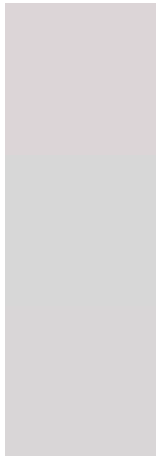
Deuteranomaly

67.8740, 0.3235, 0.3226

Tritanomaly

67.7868, 0.3118, 0.3170

Monochromacy



Original Color

67.7104, 0.3165, 0.3268

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7511, 0.3142, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7104, 0.3165, 0.3268 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(220, 213, 215)` looks like.

```
.text, #text, p{  
  color:rgb(220, 213, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 213, 215) }
```

Border

The CSS property to change the border of an element to Yxy 67.7104, 0.3165, 0.3268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 213, 215) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(220, 213, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(220, 213, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(220, 213,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7104, 0.3165, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 213, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220,  
213, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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